

**Remarks**

Claims 1-5, 7-18 and 20-25 are pending in the application. Claims 3, 6, 16-17, 19, and 25 have been canceled without prejudice or disclaimer. Claims 1, 2, 4, 8-9, 12-13, 15, 18, 20, and 23-24 have been amended

**Claim rejections**

**Section 103**

Claims 1-5, 7-12, 14-18 and 20-25 were rejected under 35 USC 103(a) as being unpatentable over Kadambi et al. (US 6,934,830) ("Kadambi") in view of Choquette (U.S. 6,088,784).

Each of the independent claims have been amended to more fully set forth the register file cache as including a fill and a write-back portion where the write-back portion is to be used to write back data from the register file cache to the register file and the fill portion is to be used to store an operand from the register file if there is a "miss" for the operand in the fill and write-back portions of the register file cache. Such a feature is neither shown nor suggested by the Kadambi or Choquette references. Accordingly, favorable consideration of the amended claims is respectfully requested.

Conclusion

In light of the above amendments, Applicants respectfully submit that the present application is in all aspects in allowable condition, and earnestly solicits favorable reconsideration and early issuance of a Notice of Allowance.

The Examiner is invited to contact the undersigned at (202) 220-4255 to discuss any matter concerning this application. The Office is authorized to charge any fees related to this communication to Deposit Account No. 11-0600.

Respectfully submitted,

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